

GEORGE ENGELMANN
BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Nicolas Fabrius Peiresc of Aix in Provence
(see below) Member of Parliament

Pereskia Plum Gen 35. t. 26 (1703)

Lin Gen ed 1. 402 (1737) in Linn sp. ed 1.
ad Cactum

— Hort Cliff. p. 183 (1737)

Dill Delt t. 227 1732

Mill Dict ed 6, 1752

Worth Syng. 197 (1812)

Benthon & Hook Gen. I. p. 851 credit to Miller.

Pereskia Sprengel sub Cacto Hist. II. 498 (1825)

Pereskia Guaraniana Abth. Bot. Acad. II. 695 (1837)
ex Pereskia
Salv (1850) p. 75. Cact. 95.

(Pereskia Juss. Abth. Bot. Acad. 1837. Cact. p. 4, cat)

Lin sp. pl. I. (1753) places Pereskia under
Cactus and in ^{DC. Revis. p. 73} Jasmin observes, correctly, because
he ^{could not separate it from} all the other Cactaceae

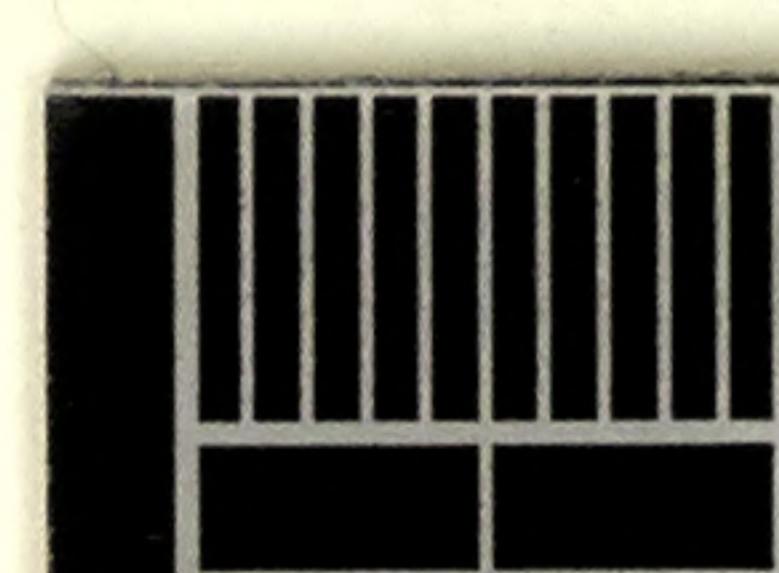
Pereskia see DC. Revis. p. 73 1829
Juss. Abth. II. 695. 1837

Seed of P. grandifolia (Montpellier)
P. aculeata Cab Wright & Deneux
This Jasmin Weddell

The name is written Peyresc (riche négociant
(see top of page) de Toulon)
Journal d'Agriculture July 1882
(is that the same man?)

Pereskia

Peresaria



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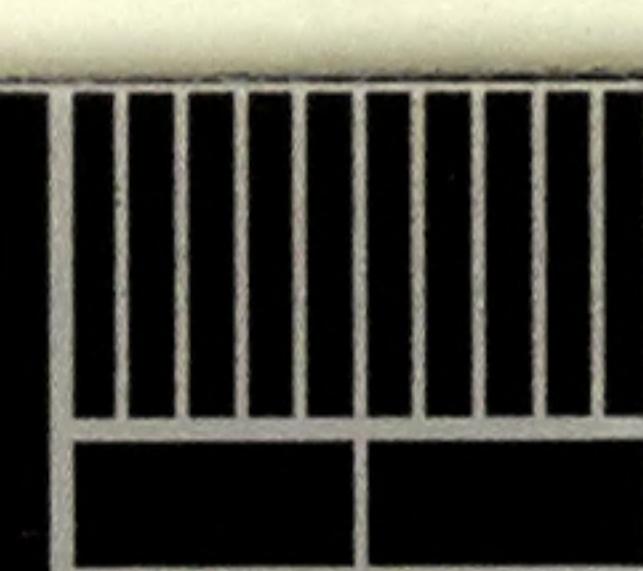


MISSOURI
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GARDEN

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3081-3082

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Sept 1861

Seeds of Persicaria

testa nigra s. nigricans fragilis

semina magna obovata s. leuconularia, adhuc
hilum magnum orbiculare

Albumen magnum ~~cotyledibus~~ ^{hematoxyl} embryone & carunculae
~~per se incolusum~~

Embryos (curvatus) sem. hamatus sem. subcordata
albumen magnum per se circumdans.

cotyledones parallellae (sem. acuminate)
semiteretes s. planae

Persicaria grandifolia Flau. raised in Herb Montpellier 1836. n. - Virema

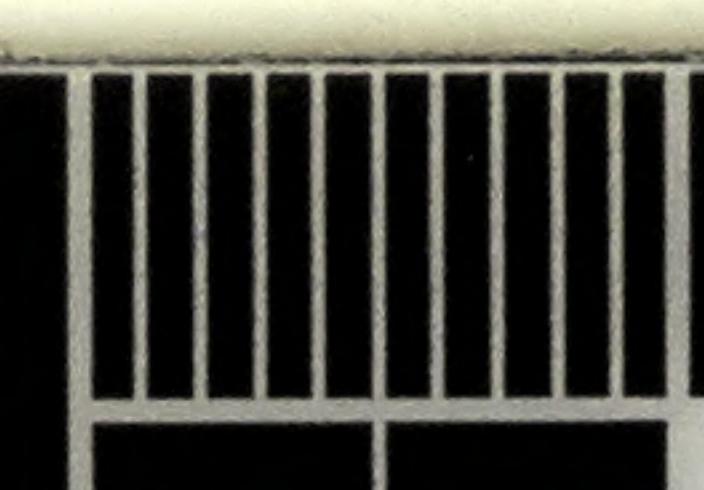
1858
Seeds obovate, ^{testa} black shining brittle - lines long ^{oblong} under a
a strong lens ^{subtecto} reticulated with shallow ^{peti} depressions.
hilum ^{large} ^{terete} subventral, orbicular or rather somewhat ^{reniform} transverse ^{and}

Embryo strongly hooked, surrounding a large albumen.

Cotyledons elongatae, parallel to the flattened surface, as in the
(genus) semiterete, not quite as large as the riddle

Persicaria aculeata ? Demarara in Herb Hooker

Seeds leuconular, ~~or~~ strongly compressed, - lines
long, almost same diameter, dark brown or almost black
testa rather pergamentaceous, scarcely brittle, slightly
rugulose and also a strong lens with shallow, circular
depressions; Hilum smaller than in last species
subterete, ^{nearly} ~~orbicular~~. - Embryo doubled up, with
almost regular acuminate riddle, albumen smaller
between the cotyledons & riddle; longer and more the surface broad
cotyledons flattened; longer and more the surface broad
as the riddle ^{oblique and notched on one side} fruit pointed, globose, foliaceous
but not spiny. One specimen opened with 3 cotyledons.



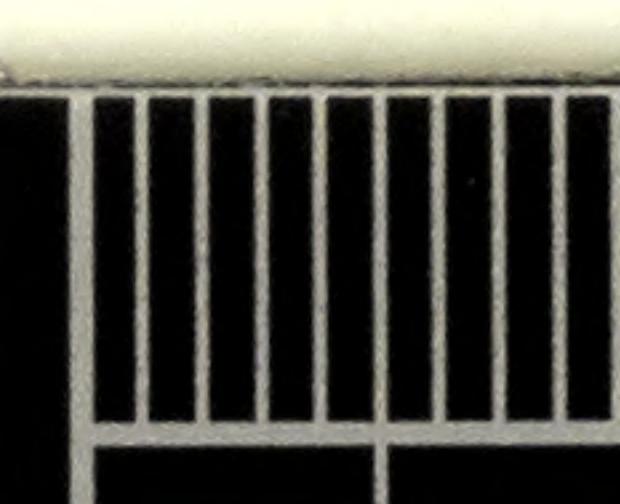
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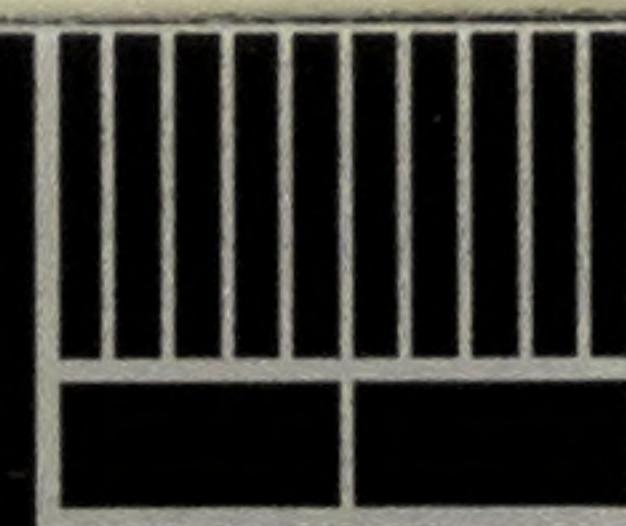
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Herb. rig. Berlin Jan 1869
ad flumen Marañon in collibus

~~Cactus (Pereskia?) horridus~~ Host. 'nos Gen 6 p. 69' Synopsis 3. p. 372

Humboldt's own specimen: spines 1 or 2 or 3

axillary black, very slender, concolor
"atmosca" leaf only one here, thick, coriaceous, lanceolate.



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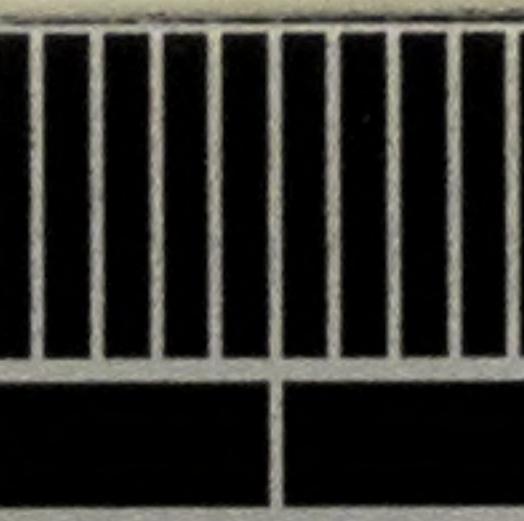
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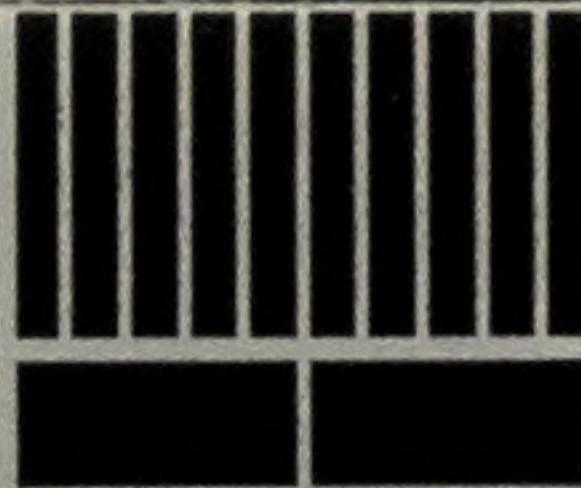


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1364 Bunkhill : *Cactus Pernskii*
foliis subrotundis obovatae; petala saturatae
rosea, flores paululum distantes
fructus habent Rosae parvae
truncos 6-poll — petex 6-angulis
arborescens.

1665 - Bunkhill

Cactus (Piarostia)
petex erectus 6-9 ped. spinae
fuscoviolacea plures rectae



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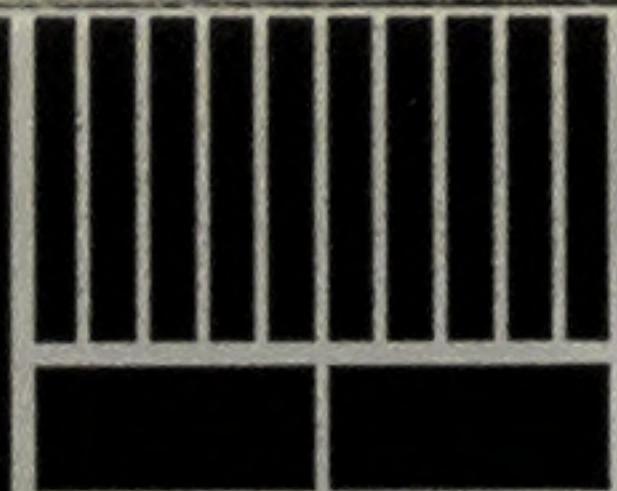
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Pereskia fol. magni pl. lax pauciflora

Rio de Janeiro Gaudichaud. 912 (spec)

Pereskia foliis magnis Rio, Gaudichaud. 911

fol. pauciflora, pauciflora pedata

Census Terra, Cl. Guy 1839-40

stem of flagelliformis — flowers regular & short & small

Pereskia, maracaioba, Flée. 1826

spec

Hab. grande Mus. Paris April 12 1869



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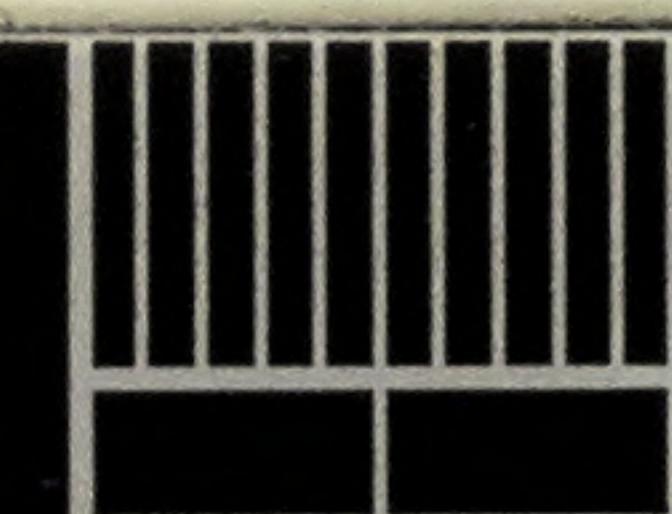
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2858 Durkell:

16 Rev Sept 1869

near Rio Janiero, 27 March 1826
along the shore of the bay

Cactus (Pereskia)

Fructus irregularis 2-ped. et diffusus
subcandens inermis. Rami teretes
flexuosi nudii tortuosi. Polia glaberrima
avenia. Racemi axillares et terminalis
flores 3-10 longius pedunculati (ultimo
sessili) - pedunculi patentibus. Fleui 1-3
in axillis sepalorum ovarii concolorum patentem
squarrosum
"Polia subtina (corolla) 5 oblonga spatulata
Herbacea-alba patula"
stigma capitato - 5 f'dum

Fructus insignis ob copia foliorum
quibus onusta est

Tempus florend. brevissimum, flors
evanescentes
Cortex subinduscaens
tomentum aliquantulum in axillis
sepulorum ovarii, sed non in axillis
foliorum

P. aculeata.



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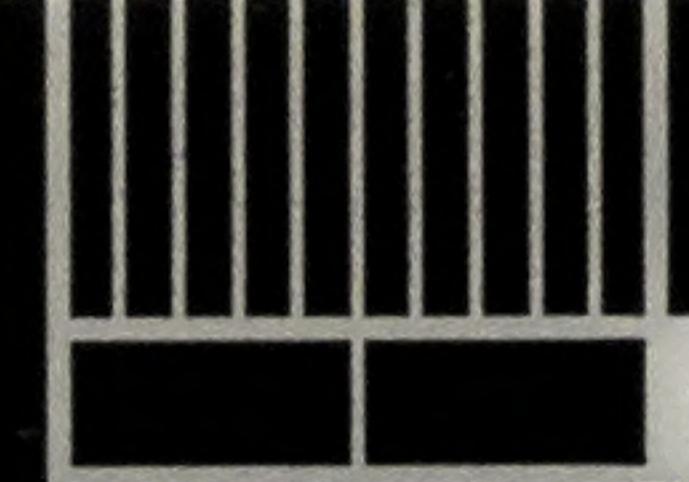
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H. Martius Minchau Aug 1869

Pereskia Serra dos Orgãos, Brasil
Luschnath Jan 1834

has broader, more coriaceous leaves, (4 x 9 cm)
acute or acuminate, scarcely at base of the
short broad, hooked spines -

Flowers in spreading terminal panicles,
sepals long linear, foliaceous, lowest ones
often proliferous, spines rare and few on old
cray

Pereskia

Serra dos Orgãos Brasil

Luschnath Jan 1834

(I possess figures of this sp.) present in Herb
E. Martius

Flowers panicled, on long pedicels,
orange with many long linear caudate
sepals, bearing wool and at last also
spines in axils.

Leaves lanceolate acute.



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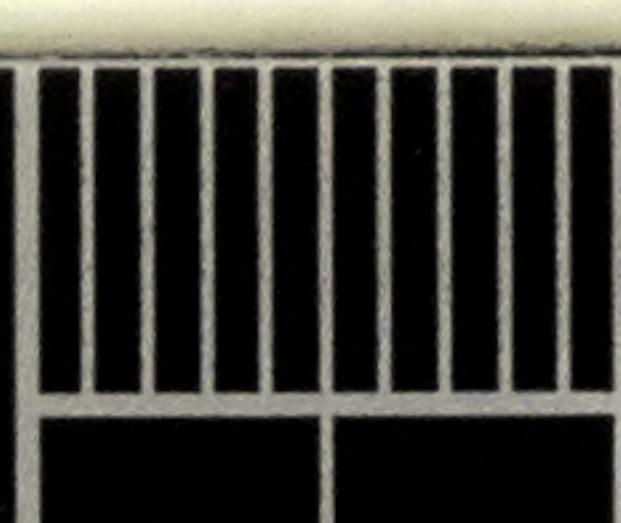
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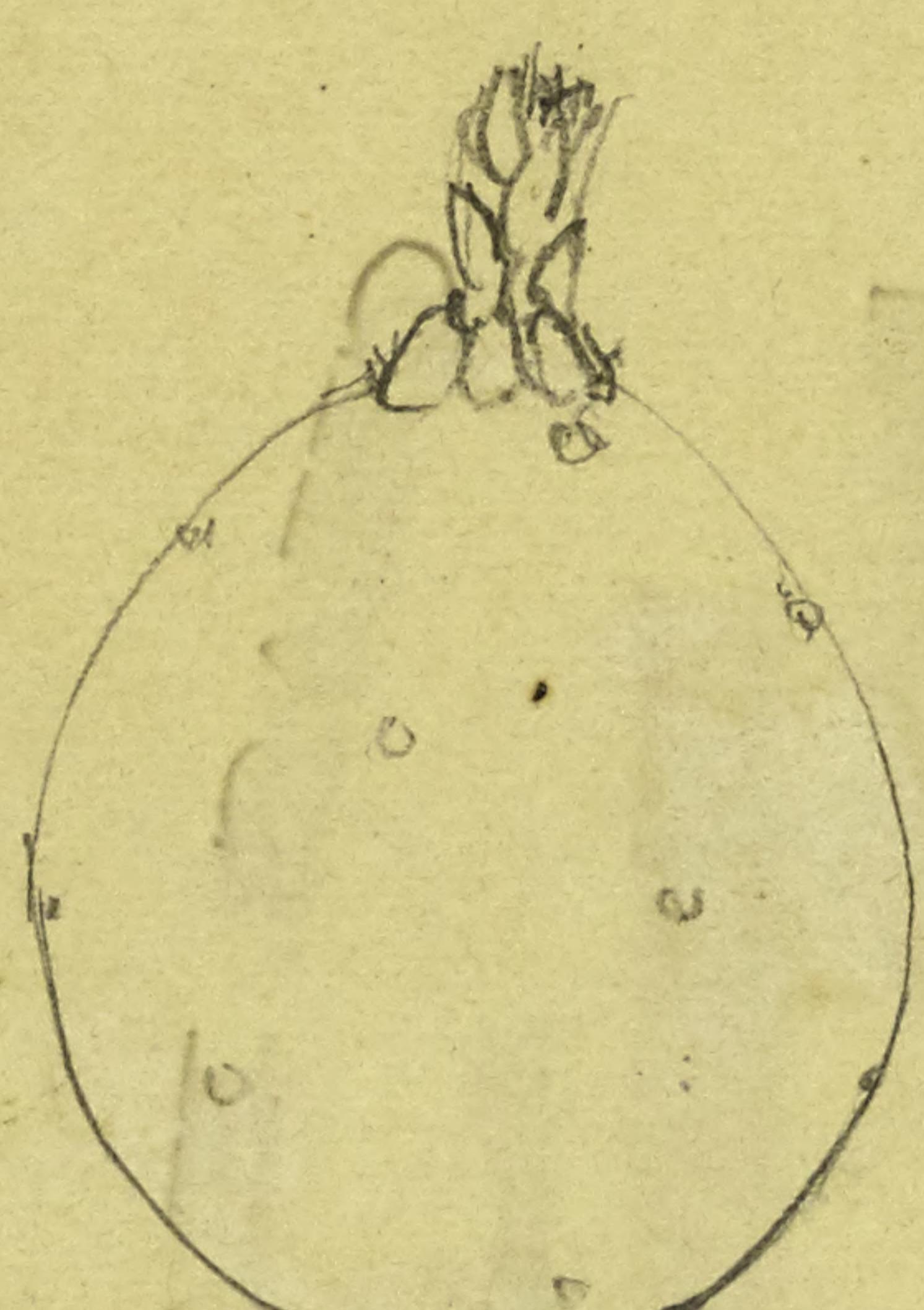
Pereskia

April 21 1880

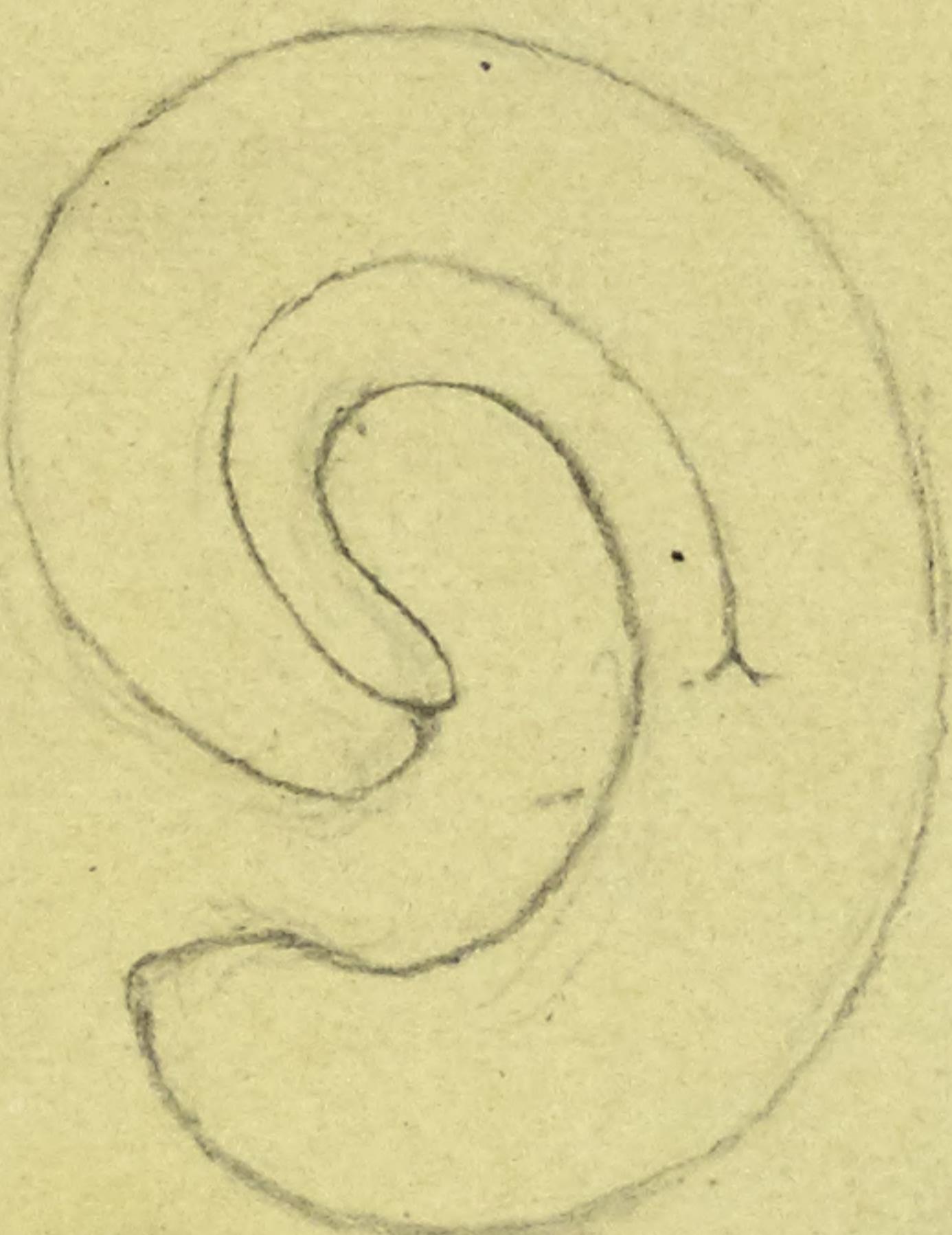
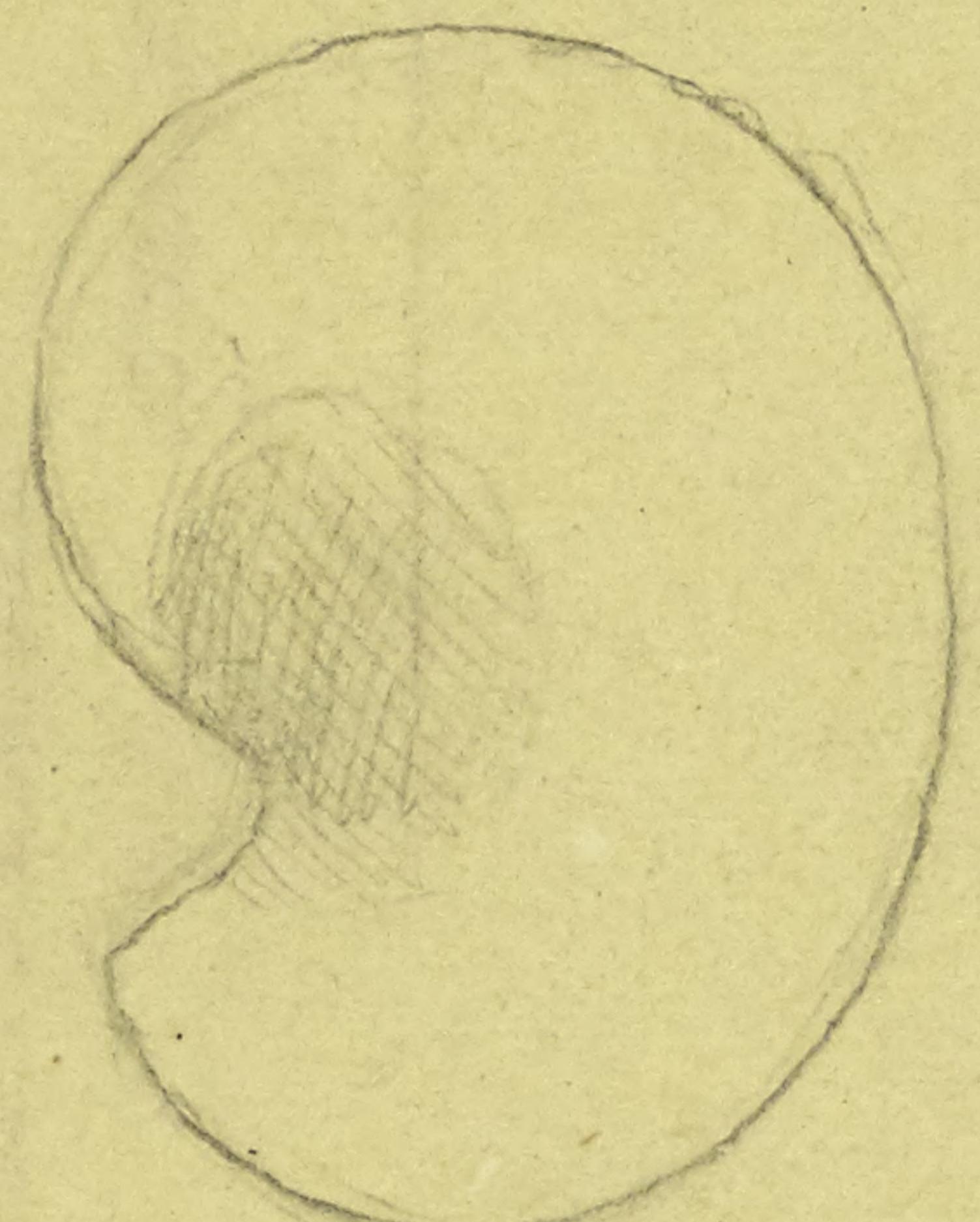
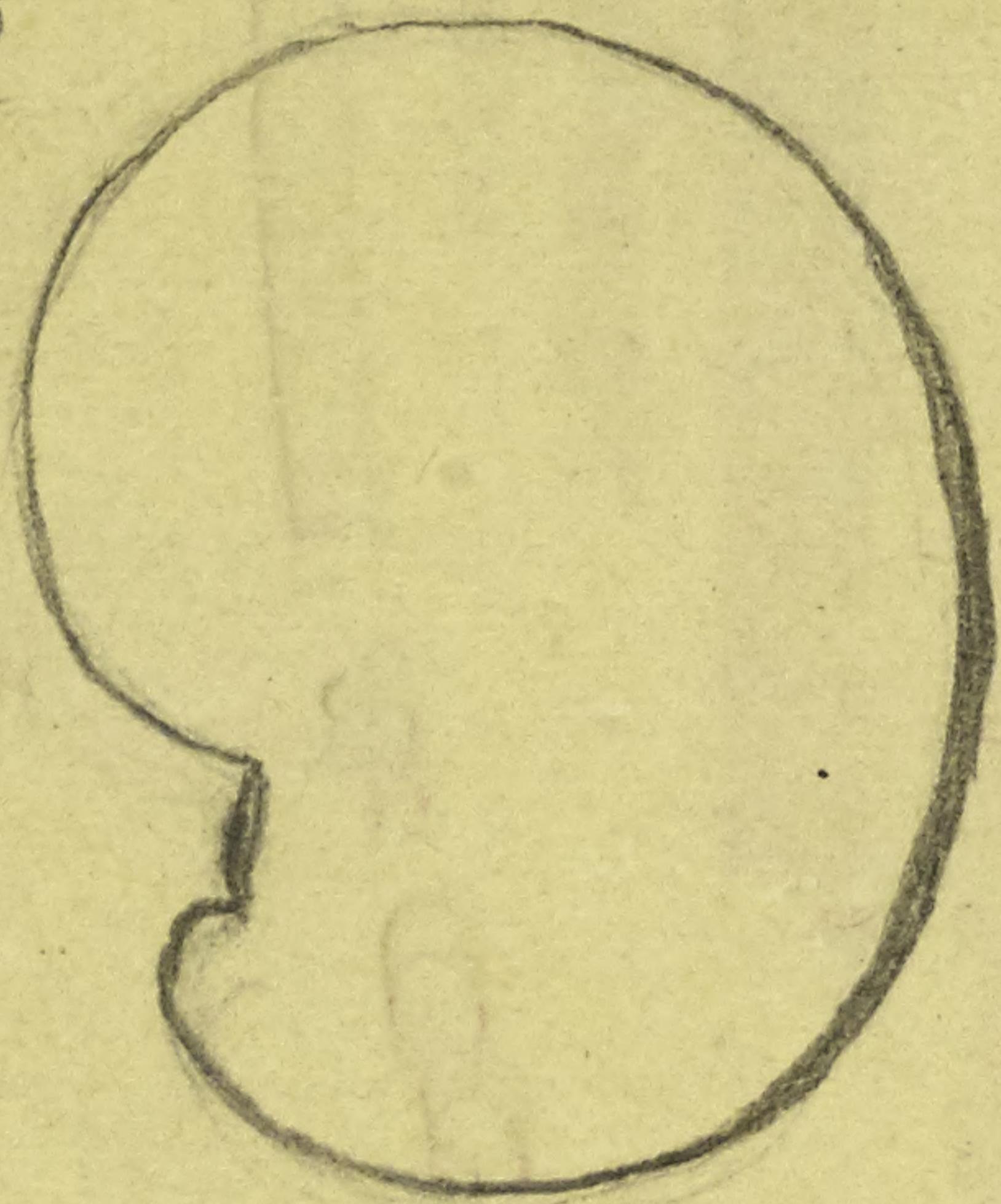
Venezuela coll. alroh.

in Mus. Kew

fr. is depressed, globose or oval & cont.
sepals of ovary remain under
closed st. are foliaceous,
with axillary wool, crowded
on back, somewhat contract
or folded back ward on upper
side - A number of
small sepals with axillary
hair production crowded around
base of without
flower.

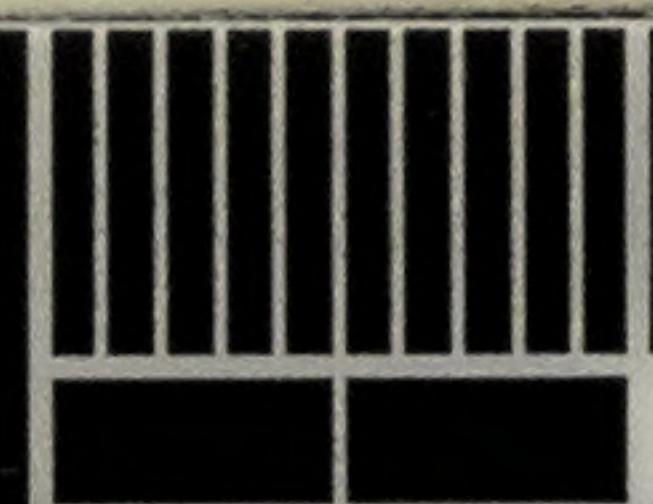


x8



albumen pretty large
similar to that of an Opuntia
and Carboyo also

excl. sepals, cotyledon semi-tector, very distinct from *P. aculeata*



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CHAS. HABICHT & CO,
Successors to
Enno Sander & Co.,

PHARMACEUTISTS,

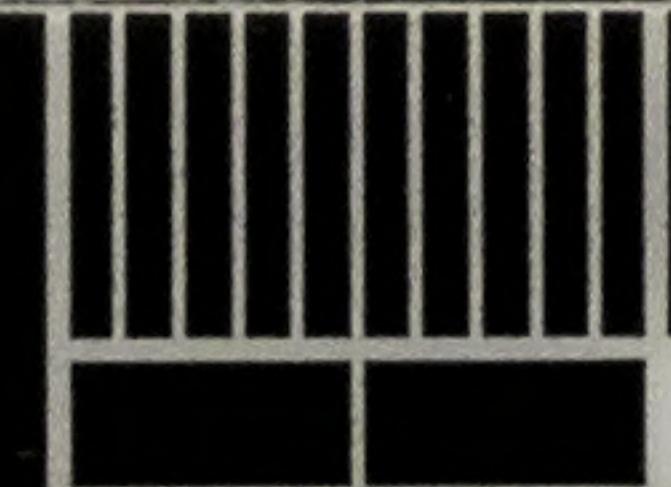
Walnut & Fourth Sts.,

SOUTHERN HOTEL,

ST LOUIS, MO.

Walnut & Second Sts.,
BARNUM'S HOTEL,

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H. Martius Munch Aug 1869

Pereskia, Canta Gallo, Peckolt 1861

is a pinnate branch of fruit as doth
the same as sent by him - flower 1859

Panicle 25-30 cm long, cylind., branches
again branched, berries 1 or 1.2 cm diam.
globose, spikes single or in ~~two~~ 4-6 cm long
dark - sepal persistent

H. Martius Munch Aug 1869

Pereskia, Canta Gallo, near Rio, Peckolt ¹⁸⁵⁹ N. 252

(Peckolt from Hambay formerly at Canta Gallo,
(is now Dinggist to His Majesty at Rio.)

No doubt a narrow leaved form of *P. aculeata*
leaves 6-7 cm long 4.2-2 cm wide - acuminate,
attenuate into a distinct petiole

flowers below axillary, single, on pedicels
1-2 or 3 cm long - upwards pinnate.

Stipules long linear pliaceous deciduous,
axillary spines on ovary straight, about 3-6
cm long - petals oblongolate, acute, spreading
flowers 4 cm diam. about 5 subulate suberect
stigmas 4 mm long - lower axillary hooked spikes in
pairs, deciduous



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Spines
on old
young out
branches

I find no new spines
on older parts of the spines
on the contrary, the old ones
seem to be deciduous, so
that old branches are unarmed.

The plant is called " scandens "
but is undoubtedly " sarmatose ", not
scandent.



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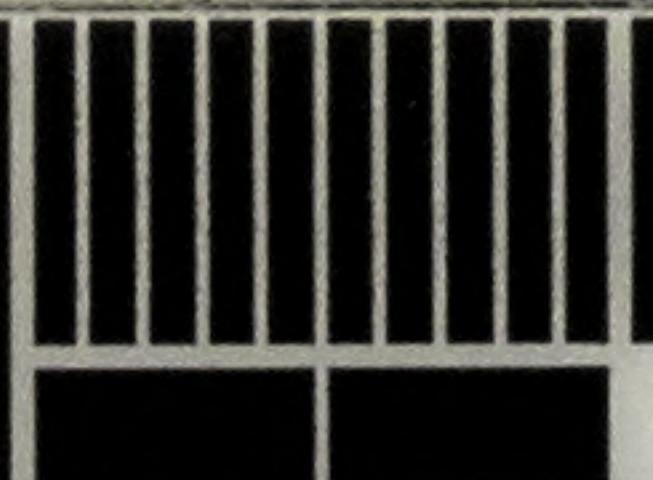


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"Pereskia Guianensis R. de G."
"Guamacho" presented by the Republic
of Venezuela

in Mus Kew (Spt 1869)
is not ~~the~~ *P. aculeata*; berries
in alcohol, size of big cherries,
globose, sepals mostly fallen off
(no spines on fruit.) for fruit,
in few still remaining giving a
Iguanose appearance. —

Embryos taken from
ut aculeata



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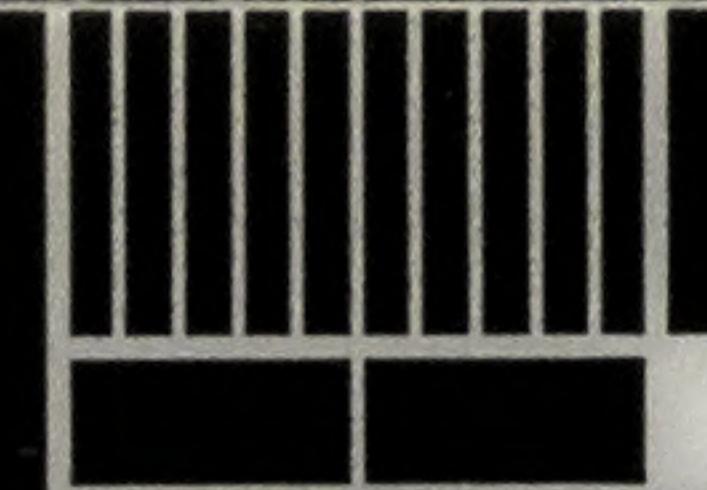
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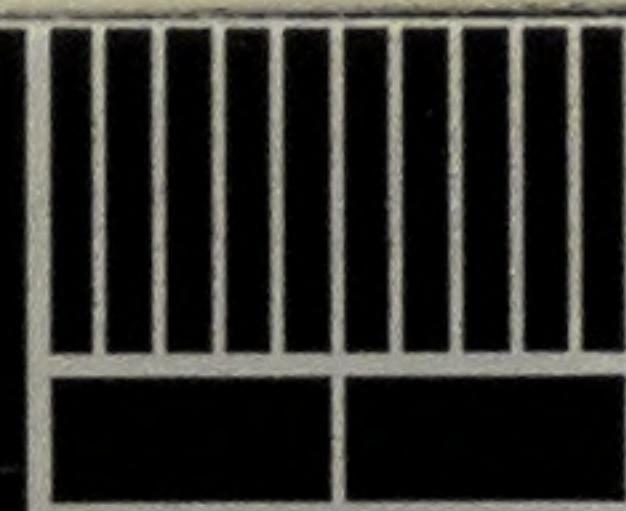
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Hort. Spec. Jan 1857

Picea skii lanceolata has spines and short
upper spines (bristles?) axillary to the leaf.
Euphorbia sp. facturea has the 2 spines
stipular below the leaf



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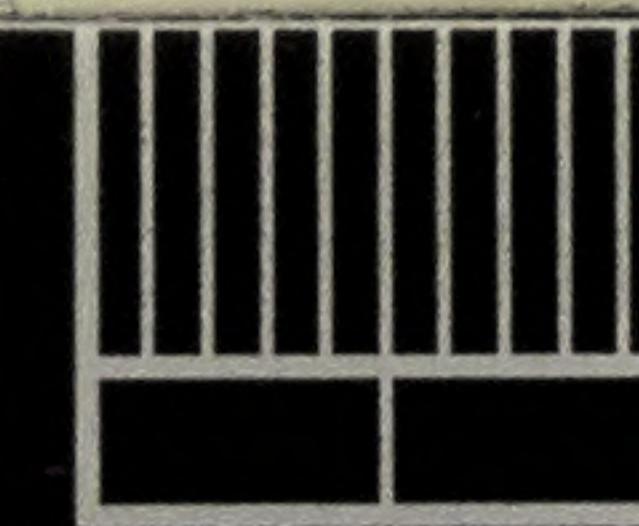
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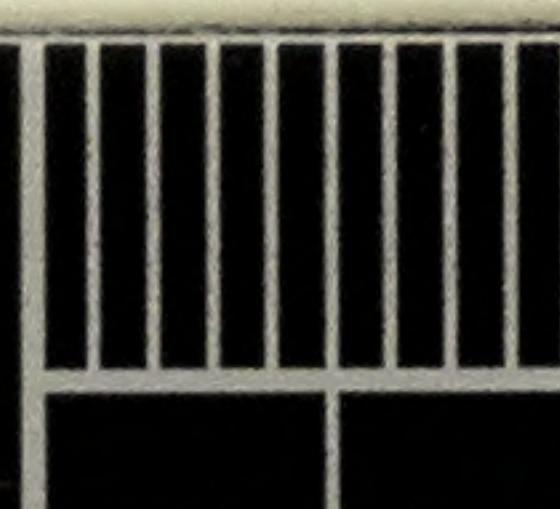
Pereskia Poepigii (Opuntia ^{Poepigii} Phil. Op. Maihuera & Gay
P. pygmaea Web. have both subulate leaves
and black Pereskia seeds (Alder et al. Dec 7 1883)

What is the inflorescence? single, sessile flowers?

Pereskia (lin)

~~sublatae & opuntiarae~~ (the above
platyphyllae (the ordinary form

various plant.
OPUNTIA Poepiggi, Otto; Philippi, in *Garten-
flora*, t. 1129.—Flowers stalked, yellow. Chili.



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~~Asarum~~

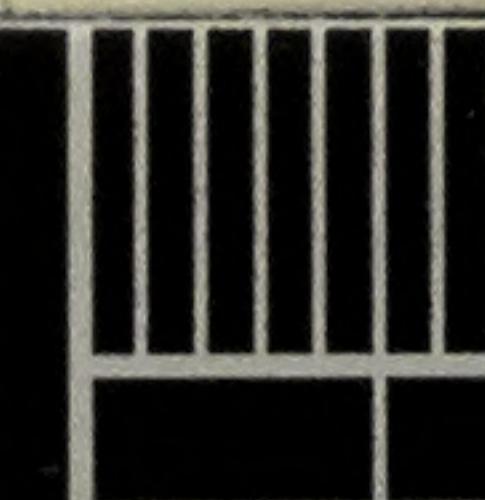
~~Kirkner 5 p.c.~~

24 -

250.-

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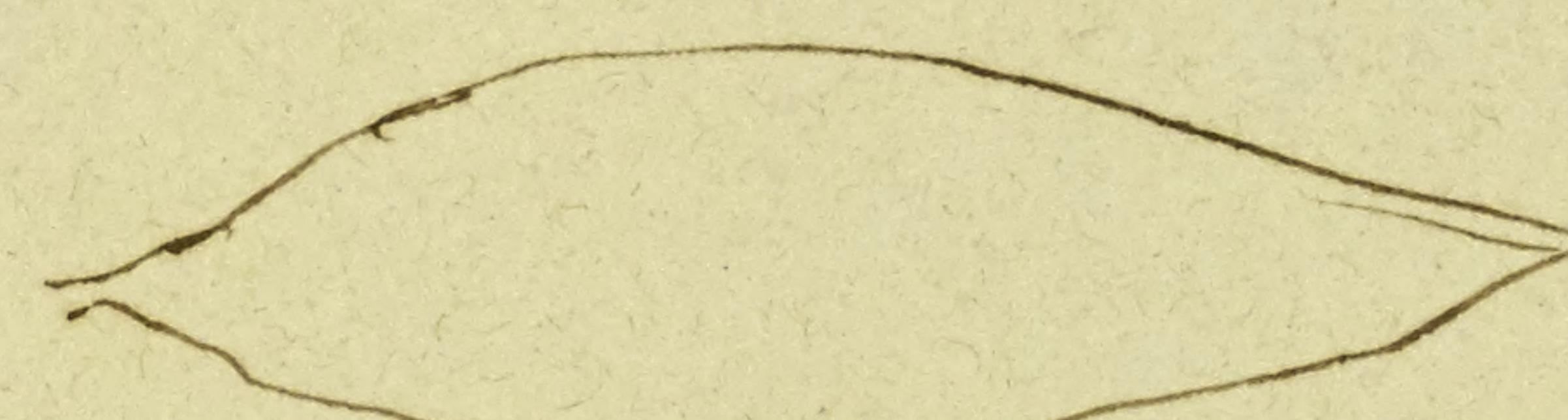


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Notes in Hort Adot ~~at~~ Plaza, July 12th 1869

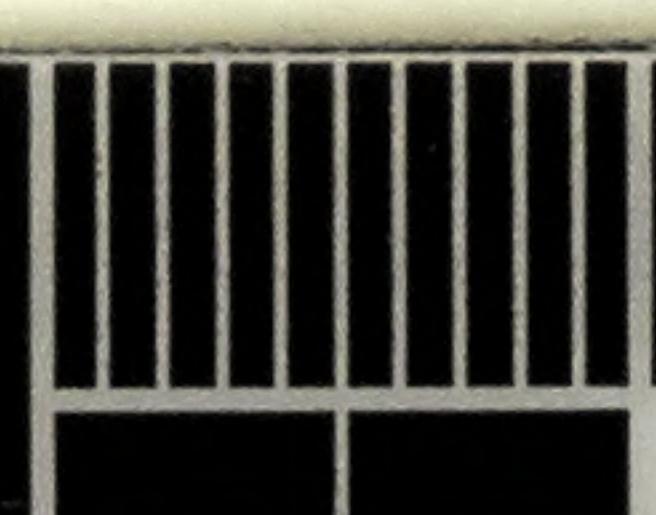
Piersonia laevigata, perhaps allied to aculeata, though leaves much more fleshy, thicker than in any other species seen by me. folia ovo - laevigata, aucta crassa carmosa, in axillis laevigata aculeata parvus bristulis acutis.

Spines only here and there, on older areoles, 3" long

P. Calandriniaefolia is  similar; leaves laevigata, aucta, carmosa, &c. No spines or short weak ones on young joints; longer ($\frac{3}{4}$ - 1 inch) on old parts, slender acicular. Both species of forms remain fresh and green on stems for many years. (the branches remain green)

P. Pititache is similar to Blo, but is remarkable on account of its short internodes, and numerous spines, so that the stem seems covered with spines. The growth of each year is short, the leaves are therefore crowded on the top of each branch, umbrella like, and bear several brownish spines in axillary like. These increase in size and number and become blackish, 3-5- numbered, acicular, 1 inch long.

P. Blo with long laevigata large leaves



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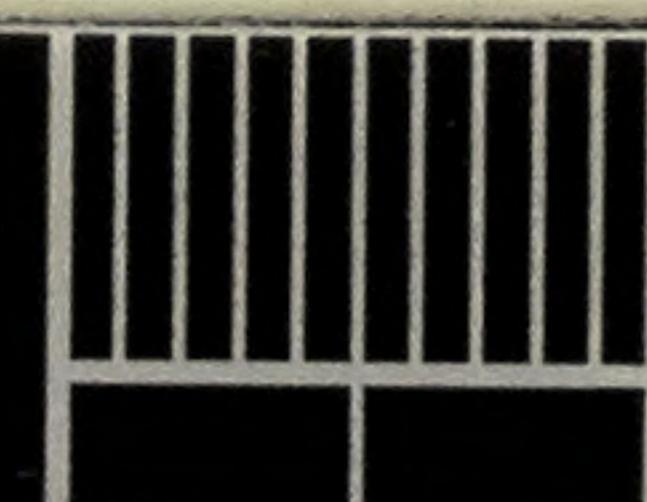
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